

FIG.3

$$A_{x} = \sum_{k,l=1}^{\max-1} \left(\begin{pmatrix} (g_{x})_{k,l} \\ (g_{y})_{k,l} \end{pmatrix}, \begin{pmatrix} (g_{x})_{k+l,l} \\ (g_{y})_{k,l} \end{pmatrix}, A_{y} = \sum_{k,l=1}^{\max-1} \left(\begin{pmatrix} (g_{x})_{k,l} \\ (g_{y})_{k,l} \end{pmatrix}, \begin{pmatrix} (g_{x})_{k+l,l+1} \\ (g_{y})_{k,l} \end{pmatrix}, A_{yx} = \sum_{k,l=1}^{\max-1} \left(\begin{pmatrix} (g_{x})_{k,l+1} \\ (g_{y})_{k,l} \end{pmatrix}, \begin{pmatrix} (g_{x})_{k,l+1+1} \\ (g_{y})_{k,l} \end{pmatrix}, A_{yx} = \sum_{k,l=1}^{\max-1} \left(\begin{pmatrix} (g_{x})_{k+l,l+1} \\ (g_{y})_{k+l,l} \end{pmatrix}, \begin{pmatrix} (g_{x})_{k,l} \\ (g_{y})_{k,l} \end{pmatrix} \right)$$